

Title (en)

Flow control device.

Title (de)

Vorrichtung zur Durchflussregelung.

Title (fr)

Régulateur d'écoulement.

Publication

EP 0107605 A1 19840502 (EN)

Application

EP 83630141 A 19830909

Priority

US 42175882 A 19820923

Abstract (en)

A flow control device includes a housing (10) having a hollow metering valve element (55) disposed therewithin to control the effective flow area of the device. A pressure regulating valve element (70) is received within the metering valve element (55) and maintains a relatively constant pressure drop so that a desired flow through the device may be set by a single adjustment of the position of the metering valve element (55).

IPC 1-7

G05D 7/01

IPC 8 full level

F16K 17/30 (2006.01); **G05D 7/01** (2006.01)

CPC (source: EP US)

G05D 16/10 (2013.01 - EP US); **Y10T 137/7737** (2015.04 - EP US); **Y10T 137/7788** (2015.04 - EP US)

Citation (search report)

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Designated contracting state (EPC)

DE FR GB IT SE

DOCDB simple family (publication)

EP 0107605 A1 19840502; BR 8305006 A 19840508; CA 1196544 A 19851112; DE 107605 T1 19841220; JP S5977174 A 19840502; US 4449548 A 19840522

DOCDB simple family (application)

EP 83630141 A 19830909; BR 8305006 A 19830915; CA 436191 A 19830907; DE 83630141 T 19830909; JP 17612583 A 19830922; US 42175882 A 19820923